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DOCKET NO.: NG(ST)6422

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of:

Applicant: **Ian Robinson, et al.**  
Serial No.: **10/608,932**  
Filed: **27 June 2003**  
For: **Look-Up Table Delta-Sigma Conversion**  
Art Unit: **2819**  
Examiner: **Unknown**

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) \_\_\_ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) \_\_\_ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) \_\_\_ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☒ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090 for consideration of this Statement.

(c) \_\_\_ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) \_\_\_ The required certification is given below, or

(2) \_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) \_\_\_ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0090.

(d) \_\_\_ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) \_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

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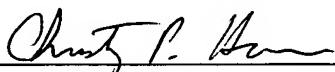
4. Certification (if applicable)

(a) ☒ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) \_\_\_ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

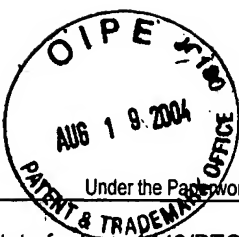
Respectfully Submitted,

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/608,932
		Filing Date	27 June 2003
		First Named Inventor	Ian S. Robinson
		Art Unit	2819
		Examiner Name	Unknown
Sheet 1 of 2	Attorney Docket Number	NG(ST)6422	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name Of Patentee Or Applicant Of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Number-Kind Code <sup>2,3</sup> (Known)			
		US-5,541,864	06-30-1996	Van Bavel, et al.	
		US-5,563,535	10/08/1996	Corry, et al.	
		US-5,859,605	01/12/1999	Raghaven, et al.	
		US-6,323,795 B1	11/27/2001	Yang, et al.	
		US-6,339,621 B1	01/15/2002	Cojocar, et al.	
		US-6,459,743 B1	10/01/2002	Lipka	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code-Number-Kind Code (If Known)				
		EP 1 257 063 A2	11-13-2002	Texas Instruments Incorporated		
EXAMINER SIGNATURE				DATE CONSIDERED		

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Sheet	2	of	2	Attorney Docket Number	NG(ST)6422

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		European Search Report completed 22 July 2004 for European Application No. 03025731.5-2206	
		VILLE EEROLA, et al., "Second-Order Sampling and Oversampled A/D- and D/A-Converters in Digital Data Transmission", Analog, Circuits and Neural Networks. Singapore, June 11-14, 1991, Proceedings of the International Symposium on Circuits and Systems, New York, IEEE, US, vol. VOL. 3 SYMP. 24, 11 June 1991 (1991-06-11), pages 1521-1524, XP000616882, ISBN: 0-7803-0050-5	

Examiner Signature		Date Considered	
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